

**Table 1: Soil Screening Values, milligrams per kilogram (mg/Kg).**

<b>Metal</b>	<b>DEQ Background<sup>1</sup></b>	<b>Residential<sup>2</sup></b>	<b>ATSDR Values<sup>3</sup></b>
Aluminum <sup>a</sup>	52,300 <sup>b</sup>	77,000	50,000
Arsenic	8.8	0.43	15
Cadmium	0.63	78	5
Total Chromium <sup>e</sup>	76	120,000	75,000
Chromium(VI)	NA	0.3	45
Cobalt <sup>a</sup>	33 <sup>c</sup>	23	500
Iron <sup>a</sup>	36,100 <sup>b</sup>	55,000	NA
Lead	79	400	NA
Manganese	1,800	1,800	2,500
Mercury	0.23	23	15
Nickel	47	1,500	1,000
Selenium <sup>a</sup>	0.71	390	250
Uranium <sup>a</sup>	3 <sup>d</sup>	230	150

1- Source DEQ background metals fact sheet, <http://www.deq.state.or.us/lq/pubs/docs/cu/FSbackgroundmetals.pdf>

2 - Residential Values are DEQ soil screening values, where available, or EPA regional screening values (RSLs) When no DEQ residential value is published.

3 - Agency for Toxic Substances and Disease Registry (ATSDR) Screening Values. ATSDR values are environmental media evaluation guides (EMEGs), or reference dose media evaluation guides (RMEGs).

a - Residential values for these metals are the US EPA Regional Screening Values (RSLs) for residential use.

b - Background values shown are from Washington Department of Ecology Pub. No. 94-115

c - No background estimate for cobalt has been published by DEQ. Value shown is average of Willamette Valley soil from DEQ database.

d- Background estimate from Toxicological Profile for Uranium, US ATSDR, February 2013.

e- Background value is based on total chromium. Screening Values are based on trivalent chromium.

NA - Not Available - No estimate of background soil concentration or screening values are available for these metals and agencies.